

| <b>L Number</b> | <b>Hits</b> | <b>Search Text</b>  | <b>DB</b>  | <b>Time stamp</b>           |
|-----------------|-------------|---|--|-----------------------------|
| <b>7</b>        | <b>0</b>    | <b>((dynamic adj random adj access adj memory) or dram) with (storage adj capacitor) with (deep trench) with (isolation) with liner</b>   | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:33</b> |
| <b>8</b>        | <b>0</b>    | <b>((dynamic adj random adj access adj memory) or dram) with (storage adj capacitor) with (deep trench) with (isolation) with liner with gate</b>                                     | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:33</b> |
| <b>9</b>        | <b>2</b>    | <b>((dynamic adj random adj access adj memory) or dram) same (storage adj capacitor) same (deep trench) same (isolation) same liner same gate</b>                                     | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:34</b> |
| <b>10</b>       | <b>0</b>    | <b>((dynamic adj random adj access adj memory) or dram).clm. and (storage adj capacitor).clm. and (deep trench).clm. and (isolation adj region).clm. and liner.clm. and gate.clm.</b> | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:35</b> |
| <b>11</b>       | <b>590</b>  | <b>beitner or divakaruni or jamny</b>   | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:36</b> |
| <b>12</b>       | <b>796</b>  | <b>beitner or divakaruni or jammy</b>   | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:36</b> |
| <b>13</b>       | <b>132</b>  | <b>(beitner or divakaruni or jammy) and (isolation adj region)</b>  | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:36</b> |
| <b>14</b>       | <b>125</b>  | <b>(beitner or divakaruni or jammy) and (isolation adj region) and (deep trench)</b>  | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:36</b> |
| <b>15</b>       | <b>56</b>   | <b>(beitner or divakaruni or jammy) and (isolation adj region) and (deep trench) and (storage adj capacitor)</b>  | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:36</b> |
| <b>16</b>       | <b>30</b>   | <b>(beitner or divakaruni or jammy) and (isolation adj region) and (deep trench) and (storage adj capacitor) and liner</b>  | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:37</b> |
|                 |             |   | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |                             |

|    |    |   |   |                     |
|----|----|---|---|---------------------|
| 17 | 11 | (beitner or divakaruni or jammy) and (isolation adj region) and (deep trench) and (storage adj capacitor) and liner.clm.                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:37 |
| 18 | 3  | (beitner or divakaruni or jammy) and (isolation adj region).clm. and (deep trench) and (storage adj capacitor) and liner.clm.           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:37 |
| 19 | 3  | (beitner or divakaruni or jammy) and (isolation adj region).clm. and (deep trench).clm. and (storage adj capacitor) and liner.clm.      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:37 |
| 20 | 2  | (beitner or divakaruni or jammy) and (isolation adj region).clm. and (deep trench).clm. and (storage adj capacitor).clm. and liner.clm. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:37 |
| 21 | 2  | (isolation adj region).clm. and (deep trench).clm. and (storage adj capacitor).clm. and liner.clm.                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:38 |
| 22 | 35 | (liner with (isolation adj region) with gate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:39 |
| 23 | 0  | (liner with (isolation adj region) with gate) and ((storage adj capacitor) with (deep adj trench))                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:40 |
| 24 | 0  | (liner with (isolation adj region) with gate) and ((capacitor) with (deep adj trench))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:40 |
| 25 | 13 | (liner with (isolation) with gate) and ((capacitor) with (deep adj trench))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:40 |
| 26 | 12 | (liner with (isolation) with gate) and ((storage adj capacitor) with (deep adj trench))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:40 |

|    |       |   |   |                     |
|----|-------|---|---|---------------------|
| 27 | 0     | (liner with (isolation) with gate).clm. and ((storage adj capacitor) with (deep adj trench))        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:41 |
| 28 | 23511 | isolation adj region  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:41 |
| 29 | 479   | (isolation adj region).clm. and capacitor.clm.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:41 |
| 30 | 47    | (isolation adj region).clm. and capacitor.clm. and (deep adj trench).clm.                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:41 |
| 31 | 3     | (isolation adj region).clm. and capacitor.clm. and (deep adj trench).clm. and liner.clm.            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:47 |
| 32 | 3     | (sti or (isolation adj region)).clm. and capacitor.clm. and (deep adj trench).clm. and liner.clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:48 |
| 33 | 3     | (sti or (isolation near region)).clm. and capacitor.clm. and (deep adj trench).clm. and liner.clm.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:48 |
| 34 | 5     | (sti or (isolation near2 region)).clm. and capacitor.clm. and (deep adj trench).clm. and liner.clm. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:50 |
| 35 | 4297  | (isolation adj region).clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:50 |
| 36 | 85    | (isolation adj region).clm. and (deep adj trench).clm.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/17<br>13:50 |

|           |           |   |  |                             |
|-----------|-----------|---|--|-----------------------------|
| <b>37</b> | <b>11</b> | <b>(isolation adj region).clm. and (deep adj trench).clm. and (storage adj capacitor).clm.</b>                  | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:51</b> |
| <b>38</b> | <b>4</b>  | <b>(isolation adj region).clm. same (deep adj trench).clm. same (storage adj capacitor).clm.</b>                | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:52</b> |
| <b>39</b> | <b>2</b>  | <b>(isolation adj region).clm. same (deep adj trench).clm. same (storage adj capacitor).clm. and liner.clm.</b> | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:52</b> |
| <b>40</b> | <b>5</b>  | <b>(isolation).clm. same (deep adj trench).clm. same (storage adj capacitor).clm.</b>                           | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:52</b> |
| <b>41</b> | <b>3</b>  | <b>(isolation).clm. and (deep adj trench).clm. and (storage adj capacitor).clm. and liner.clm.</b>              | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:53</b> |
| <b>42</b> | <b>3</b>  | <b>(isolation or sti).clm. and (deep adj trench).clm. and (storage adj capacitor).clm. and liner.clm.</b>       | <b>USPAT;<br/>US-PGPUB;<br/>EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> | <b>2004/09/17<br/>13:53</b> |